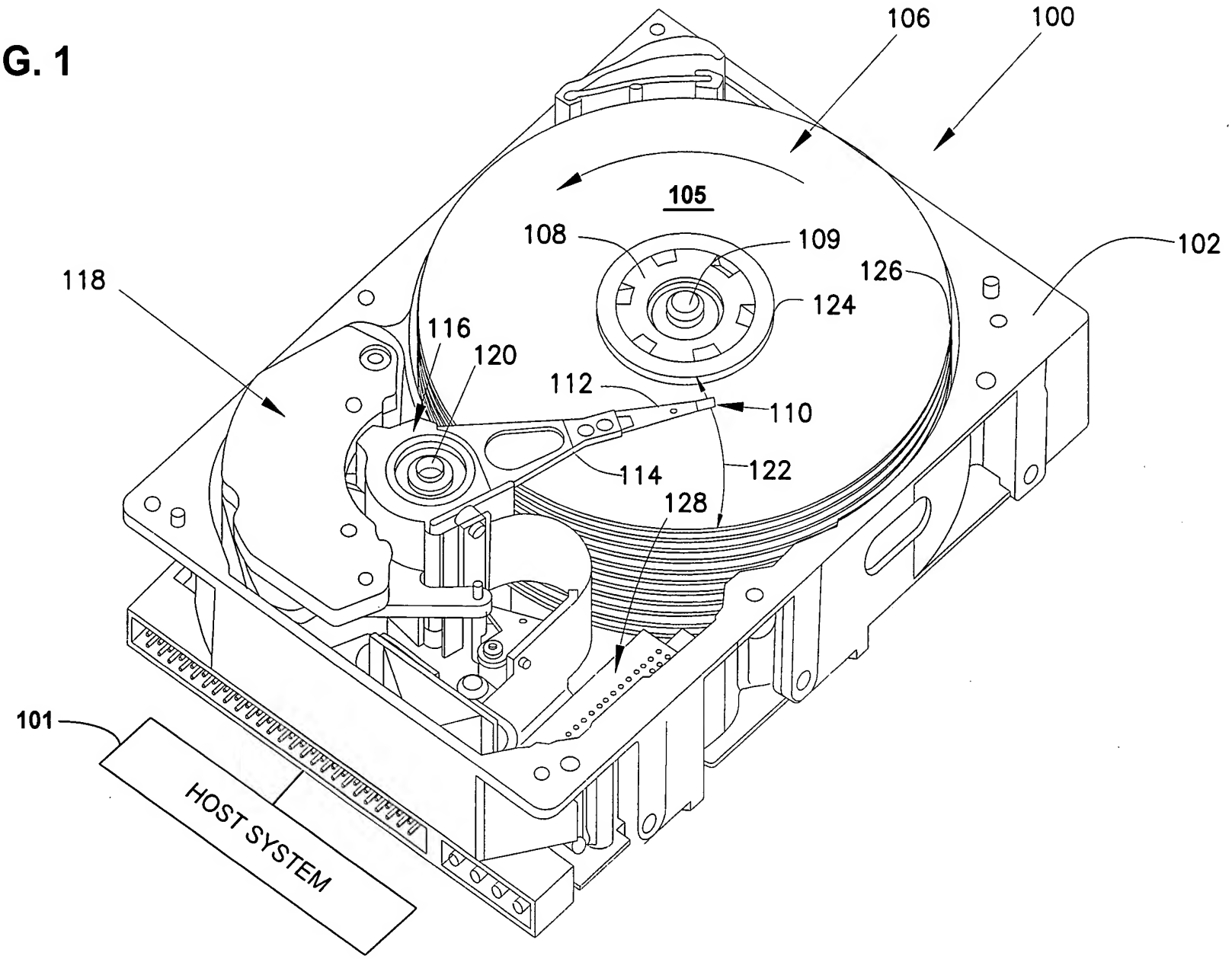
FIG. 1


106
100
105
108
109
102
118
126
124
116
120
112
110
114
122
128
101
HOST SYSTEM

20020"8T0T200T

FIG. 2

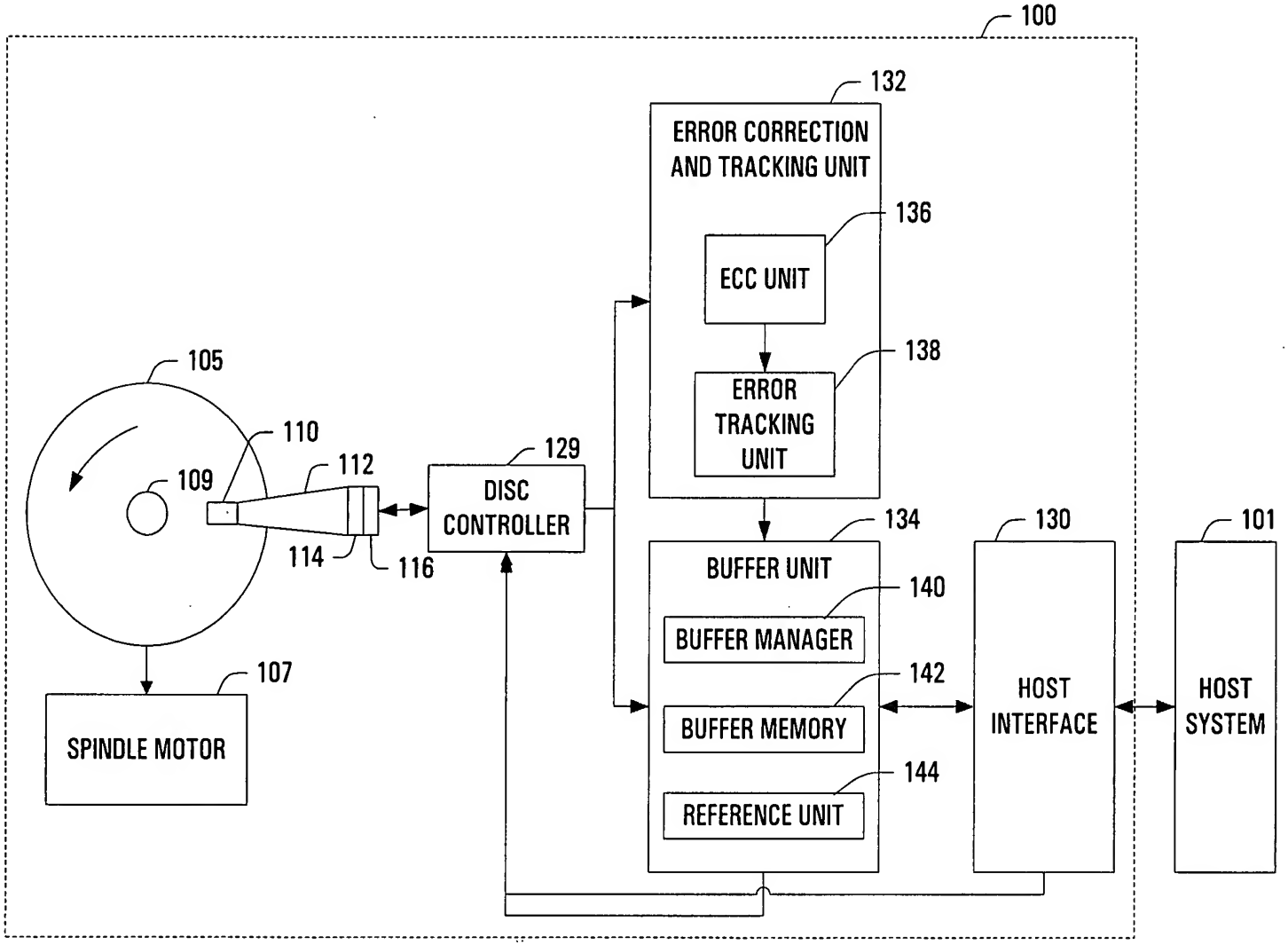
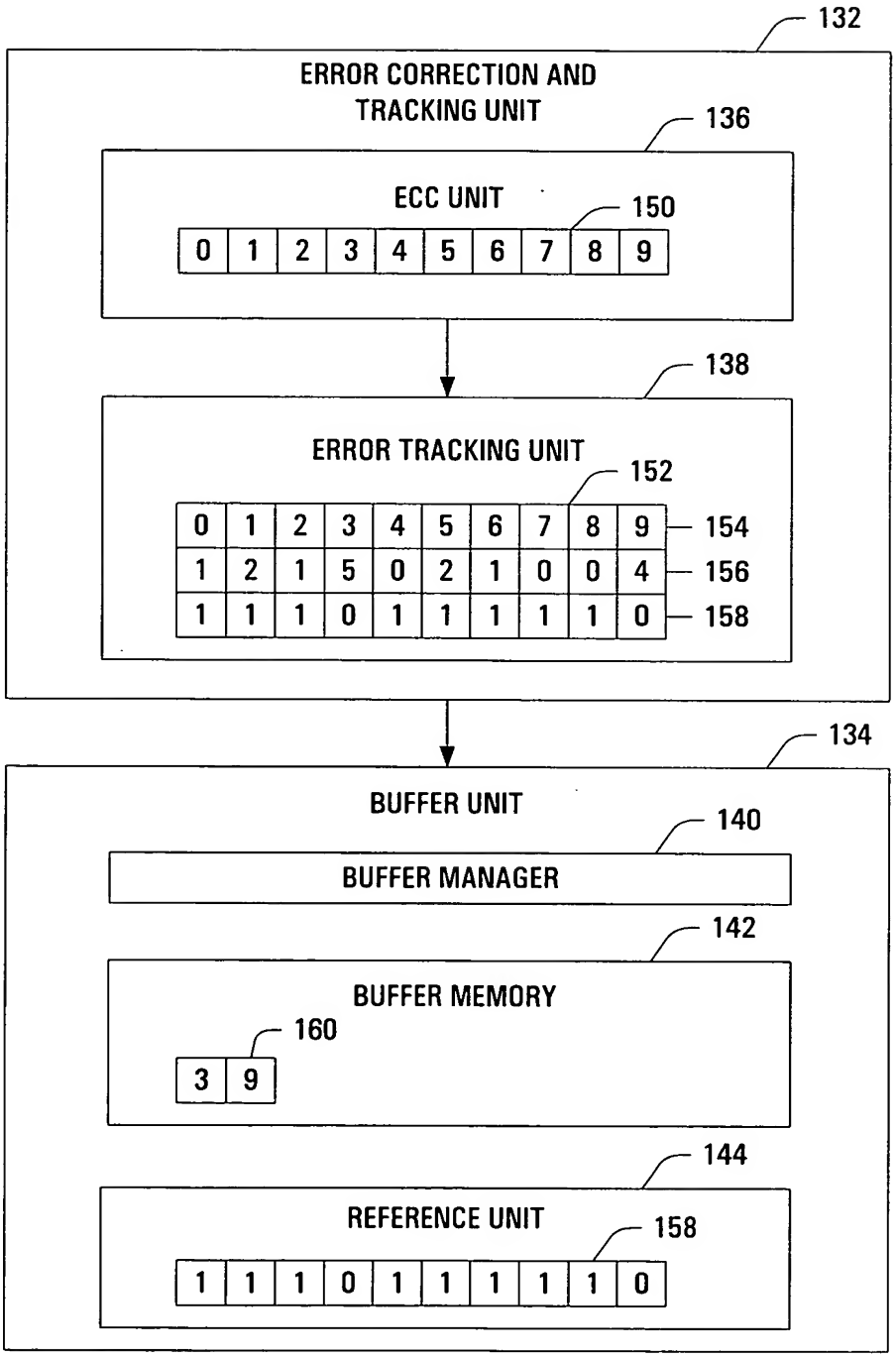


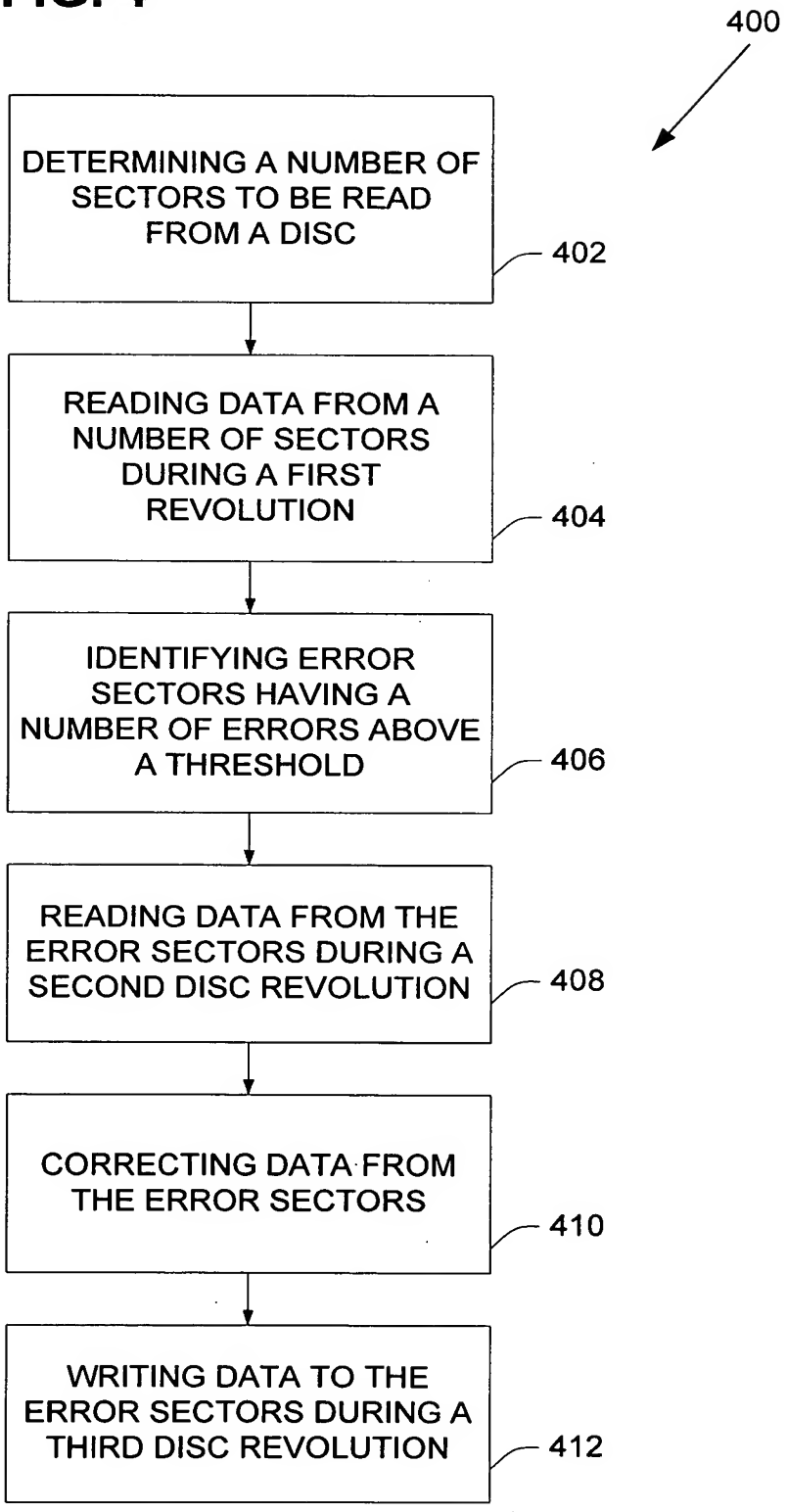
FIG. 3


132
ERROR CORRECTION AND TRACKING UNIT
136
ECC UNIT
150
0 1 2 3 4 5 6 7 8 9
138
ERROR TRACKING UNIT
152
0 1 2 3 4 5 6 7 8 9
154
1 2 1 5 0 2 1 0 0 4
156
1 1 1 0 1 1 1 1 1 0
158
134
BUFFER UNIT
140
BUFFER MANAGER
142
BUFFER MEMORY
160
3 9
144
REFERENCE UNIT
158
1 1 1 0 1 1 1 1 1 0

20020820 "8T0T/S0T

FIG. 3-1

FIG. 4


400
DETERMINING A NUMBER OF SECTORS TO BE READ FROM A DISC
402
READING DATA FROM A NUMBER OF SECTORS DURING A FIRST REVOLUTION
404
IDENTIFYING ERROR SECTORS HAVING A NUMBER OF ERRORS ABOVE A THRESHOLD
406
READING DATA FROM THE ERROR SECTORS DURING A SECOND DISC REVOLUTION
408
CORRECTING DATA FROM THE ERROR SECTORS
410
WRITING DATA TO THE ERROR SECTORS DURING A THIRD DISC REVOLUTION
412